

AMENDMENT

In the Claims:

Please cancel claims 30-40 and amend the remaining claims as follows:

1. (Twice amended) A method for determining proper folding and/or solubility of a protein of interest comprising:

- a) providing an expression construct comprising (i) a gene encoding a first polypeptide comprising said protein of interest fused to a first segment of a marker protein, and (ii) a promoter active in a selected host cell and operably linked to said gene;
- b) expressing said first polypeptide in said host cell that also expresses a second segment of said marker protein, wherein said second marker segment combines with said first marker segment to form a functional marker protein when said first polypeptide is properly folded; and
- c) measuring marker protein function,

wherein a greater degree of marker protein function, as compared to marker protein function observed with appropriate negative controls, indicates proper folding and/or solubility of said protein of interest.

4. (Amended) The method of claim 1, wherein said marker protein is selected from the group consisting of a protein that binds said protein of interest, an enzyme, a protein inhibitor, a fluorophore and a chromophore.
5. (Amended) The method of claim 4, wherein said marker protein is a protein that binds said protein of interest.
21. (Amended) The method of claim 20, wherein said nematode cell is a *Caenorhabditis elegans* cell.

23. (Amended) The method of claim 22, wherein said host cell is a *Spodoptera frugiperda* cell.

In the Specification:

Please replace the block indented material at lines 1-6 of page 65 with:

G32D/133P -

5'-GATGCTCAACGGTGACTTTAGGATCGGTATCTTCTCGAATTTC-3' (SEQ ID NO: 1)

G32D -

5'-CAACGGTGACTTTAATATCGGTATCTTTCTCG-3' (SEQ ID NO:2)

133P -

5'-GGTGACTTTAGGTCCGGTATCTTTCTCG-3' (SEQ ID NO:3)